JASON NEAL

Technical Lead, Software Architect, Senior+ Full-Stack Software Development Engineer

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EXPERIENCE

Staff Software Engineer
Rocket Mortgage   📅 2019 - Ongoing   📌 Remote

Languages: TypeScript, JavaScript, PHP, C#, Python, GoLang, Shell, HTML, SCSS
Frameworks: Angular, Node, Express, NestJS, .NET, Cobra
Test Automation: Jest, SuperTest, Postman/Newman, Cypress, Playwright
DevOps: Nx, CircleCI, Docker, Terraform, SonarQube, Snyk, Splunk

- Development of POCs, enablement features, and business features
- Technical lead on multiple top priority and highly impactful projects
- Built Broker Directory which was featured in our Super Bowl ad
- Led our highly successful modernization effort for our Partner Portal
- Key driver behind multiple quality, NFR, and tech standard initiatives
- Built Quality Hub, which is now used by the entire tech team
- Built micro-frontend architecture with federated modules in Angular
- Built dev tools to auto-generate apps and IaC from templates
- Built GitHub automation to help us manage our large suite of repos
- Built AWS IaC using Terraform for ELB, ECS, Lambda, S3, and more
- Collab with infosec to greatly improve security/reduce attack surface
- Constantly implementing changes that improve developer experience
- Active mentor of many high level engineers and technical leaders
- Knowledge sharing via presentations, talks, demos, and more
- Code owner and key contributor in both design and code reviews
- Helped scale products to support business growth from $7b to $116b
- Optimized apps to help support traffic increase of over 400%.
- Made improvements that helped org scale from 3 dev teams to 15

Senior Software Engineer
Rocket Mortgage   📅 2017 - 2019   📌 Charlotte, NC

- Always pushed myself and others to improve quality with clean code
- Championed efforts to improve our automated testing strategy
- Migrated CI from Jenkins to CircleCI and improved build times by 80%
- Built app to enable maintainers to show quality badges on their repos
- Implemented pull request templates to help encourage consistency
- Created CLI app to assist with local dev and automate repetitive tasks
- Helped define and maintain our API Design Standards
- Implemented changes to our interview process to improve efficiency
- Implemented automated code quality enforcement into our CI builds
- Spearheaded our code coverage efforts, raising it from 56.4% to 81%
- Improved performance and decreased load times by as much as 92%

SUMMARY

Well-rounded software engineer highly skilled with full-stack web development, architecture, quality, testing, automation, performance, SQL/NoSQL databases, DevOps, developer experience, and more.

Fast learner with a growth mindset thrives in fast-paced environments looking for career opportunities where my 18 years of experience will be valued and enable me to quickly make impactful contributions.

CERTIFICATIONS

AWS Cloud Practitioner
Amazon Web Services
📅 2023 - Ongoing

AWS Solutions Architect - Associate
Amazon Web Services
📅 2023 - Ongoing

EDUCATION

B.S. in Software Engineering
Western Governors University
📅 2023 - Ongoing

Classes in IT/Computer Networking
Greenville Technical College
📅 2005 - 2006

ACHIEVEMENTS

- 2023 Innovator and Disruptor Award
- 2022 Disruptor Award
- 2019 Rock Honors Nominee for Best Performance - Impacting the Outcome
- 2018 Pride in Excellence Award
- 2017 Gilbies Nominee for Special Achievement - Figuring it Out

Software Engineer

Rocket Mortgage　　　📅 2016 - 2017　　📌 Charlotte, NC

- Work in PHP, AngularJS, Docker, Redis, Solr, Silex, Symfony, and more
- Decreased our measurable technical debt from 1,175 items to 0
- Increased our unit test code coverage from 24.9% to 56.4%
- Migrated our local dev env into an all inclusive Docker composition
- Updated codebase and internal dependencies to PHP 7
- Built Shipyard to automate our merge and release strategy
- Built a database migration system to automation releases
- Wrote shell scripts to automate tasks/free up time for impactful work
- Reworked onboarding documentation to be more thorough/efficient

Interactive Developer

Erwin Penland　　　📅 2012 - 2016　　📌 Greenville, SC

Notable Clients: Advance America (2012-2015), Verizon (2012-2015), Denny's (2013-2015), Upstate SC Alliance (2014-2015), NFL (2014-2015), Chick-fil-A (2015), Confluence Watersports (2012-2013)

- Developed and maintained websites, microsites, and web apps
- LAMP stack with OO PHP 5, CodeIgniter, MVC architecture, MySQL
- Developed APIs w/ FlightPHP, Runscope for API testing/debugging
- Developed API integrations w/ NetAcuity, TranDotCom, and others
- Developed asynchronous web apps using AJAX and jQuery
- Integrated with CMS including ExpressionEngine, WordPress, Drupal
- Maintained linux web servers on Ubuntu/RHEL using Server Density
- Performance tuning of code, tables, and SQL for high availability
- Helped mitigate security vulnerabilities by employing best practices
- Improved efficiency by implementing functional process changes
- Managed dev, QA, and UAT testing environments
- Helped maintain automated builds and deploys with Jenkins
- Assisted during the hiring process for developers
- Helped train and guide junior developers
- Conducted code reviews to ensure projects maintained high quality
- Maintained repos on Bitbucket using mostly Mercurial and Git
- Often finished projects earlier than estimated saving time and money

Lead Web Developer

Hannush Web　　　📅 2008 - 2012　　📌 Greenville, SC

- Developed and maintained websites and apps for a variety of clients
- Did frontend (HTML/CSS/JS) and backend (PHP/Joomla/WordPress)
- Worked on projects in classic ASP and ASP.net/C# for Dixon Hughes
- Researched best practices for SEO to ensure code was optimized
- Trained clients to manage their content w/ Joomla and/or WordPress
- Mentored junior developers on best practices and coding standards